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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/674,942	09/29/2003	Paul A. Martin	SUN-P9580	5182
57960 7590 09/13/2007 SUN MICROSYSTEMS INC. C/O PARK, VAUGHAN & FLEMING LLP 2820 FIFTH STREET DAVIS, CA 95618-7759			EXAMINER RUTZ, JARED IAN	
			ART UNIT 2187	PAPER NUMBER
			MAIL DATE 09/13/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.



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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
10674942	9/29/2003	MARTIN ET AL.	SUN-P9580

SUN MICROSYSTEMS INC.
C/O PARK, VAUGHAN & FLEMING LLP
2820 FIFTH STREET
DAVIS, CA 95618-7759

EXAMINER

Jared I. Rutz

ART UNIT	PAPER
2187	20070907

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

Please find attached an Examiner's amendment to the specification. These amendments to the specification as amended on 5/12/2006 are necessary to remove the reference to paragraphs [0073]-[0080] contained in paragraphs [0045] and [0050]. Additionally, the amendment to the specification submitted 5/12/2006 contained two instructions to amend paragraph [0071]. Paragraphs [0071] and [0072] have been replaced to reflect the amendments submitted 5/12/2006.

Brian R. Reagh
Primary Examiner

9/7/07

jir

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In paragraph [0045] line 16, change "in paragraphs [0073]-[0080]" to --below--.

In paragraph [0050] line 16, change "in paragraphs [0073]-[0080]" to --below--.

Please replace paragraphs [0071] and [0072] with the following:

[0071] Referring to FIG. 9, the task of growing the number of buckets in the bucket array is typically triggered by a node insertion operation that adds a data node to the hash table (step 902). If adding this data node causes the average number of data nodes per bucket to exceed a maximum value (step 904), the system increases (typically doubles) the number of buckets in the bucket array (step 906). The system subsequently uses one additional bit from the hash key (in the case of doubling) to perform lookups in the larger bucket array (step 908), and then initializes the buckets as they are referenced during subsequent hash table operations (step 910).

[0072] Referring to FIG. 10, the task of shrinking the number of buckets in the bucket array is typically triggered by a node deletion operation that deletes a data node from the hash table (step 1002). If deleting the data node causes the average number of data nodes per bucket to fall below a minimum value (step 1004), the system reduces (typically halves) the number of buckets in the bucket array (step 1006). The system subsequently uses one less bit (in the case of halving) from the hash key to perform lookups in the smaller bucket array (step 1008).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jared I. Rutz whose telephone number is (571) 272-5535. The examiner can normally be reached on M-F 8:00 AM - 4:00 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Donald Sparks can be reached on (571) 272-4201. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Jared I Rutz
Examiner
Art Unit 2187

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